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INTEROFFICE CORRESPONDENCE
Richmond, Virginia

To: J. Y. Lewis Date: May 31, 1995
From: J. M. Garman
Subject: Results of the Fourteenth TITL Collaborative Study

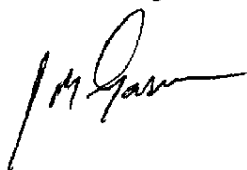
The tar and nicotine results were comparable for all brands with the exception of C6, Newport 100 SP, for which PM was significantly lower for all parameters. The tar results for samples C1 through C5 and Industry Monitor #14, C7, showed slight variation from the industry average but did trend higher at the low tar brands and lower at the high tar brands that resulted in the lowest tar slope of the reporting laboratories. Nicotine results were slightly lower for the higher tar brands. This is worth noting as PMUSA nicotine results are higher when compared to PME testing laboratories, (ISO results, using the same testing process). PM puff count results were in good agreement with the brand averages but were slightly lower for the low tar brands.

The carbon monoxide results were again lowest of the reporting laboratories. As a result of the low results reported in the thirteenth collaborative study the following actions were proposed as documented in my memo to J. N. Smith dated November, 17, 1994.

1. Increase testing Industry Monitor #14 from once to twice per day.
2. Instituted the routine testing of three PM brands from the Production Audit Program for the four gas phase components. The brands tested are Marlboro King Size Soft Pack, Marlboro Lights 100 Box, and Merit Ultra Lights 100 Soft Pack. These brands are analyzed weekly (when produced) in order for us to better monitor the testing process and observe trends.
3. A quarterly interlaboratory comparison with ARD (to be implemented).

As a result of the most recent CO results, the following actions are to be taken.

1. Evaluate historical TITL results as this trend does not appear to be limited to the past two collaborative studies, (has been initiated).
2. Analyze brands on both the Filtrona smoking machine and the five-port system. As the Filtrona machine is specified by ISO methodology, we are able to compare with FTR who utilizes the Filtrona machine, (to be performed the week of 6/5).
3. Set up a meeting to discuss the above results and possible further actions, (meeting to be arranged for 6/8).



cc: C. Connell
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